

ABSTRACT OF THE DISCLOSURE

A pink light emitting diode comprises a blue LED chip and mixed fluorescent powder material that includes a yellow fluorescent powder and a red fluorescent powder, wherein the yellow fluorescent powder which absorbs a part of blue light emitted by the blue LED chip and emits a yellow light, the red fluorescent powder which absorbs a part of blue light emitted by the blue LED chip and emits red light, to mix the blue light, yellow light, and red light may produce pink light emitting diode.

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ARGUMENTS

1. Claims 1,24, and 5 are rejected under 35 USC §102(e), Claim 3 is rejected under 35 USC §103(a), as being unpatentable Sakano (US2003/0080341) in view of Phosphor handbook.

Response:

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1. Regarding the specification, Application has corrected the errors found in the specification.
2. Regarding claims objections and rejections, Application has submitted the arguments as following.

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Applicant thinks that it is true that Sakano et al and the Phosphor handbook do not disclose that a pink light emitting diode has a blue LED light and mixed fluorescent powder material that includes a yellow fluorescent powder material and a red fluorescent powder, wherein the yellow fluorescent powder material which absorbs a part of blue light emitted by the blue LED chip and emits a yellow light, the red fluorescent powder material which absorbs a part of blue light emitted by the blue LED chip and emits red light, to mix the blue light, yellow light, and red light to produce pink light emitting diode.

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According to the examiner's opinion, please refer to the 341, patent, which is shown GaN-base LED that emits in the range of 400-530 nm or more preferably 420-490 nm or even more preferably from 450-475 nm. The chip is encapsulated with a resin that includes a YAG: Ce-base fluorescent powder that emits at around 580-700 nm(yellow)(e.g., [0127]). Additional fluorescent powder that emits red